

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---------------------------|---|------------------|---------|---------------------|
| L1 | 2466 | 379/406.01-406.16.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L2 | 1772 | 381/66,93,94.1,94.3.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L3 | 2150 | 370/282-286.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L4 | 6433 | (echo with cancel\$6).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L5 | 11010 | (L1 L2 L3 L4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L6 | 2466 | 379/406.01-406.16.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L7 | 1772 | 381/66,93,94.1,94.3.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |

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| L8 | 2150 | 370/282-286.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L9 | 6433 | (echo with cancel\$6).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L10 | 11010 | (L6 L7 L8 L9) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L11 | 5 | L10 and echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L12 | 5 | L10 and echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L13 | 10 | echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L14 | 815 | echo and canceller and microphone and speaker and computer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L15 | 803 | echo and canceller and micro \$phone and speaker and computer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L16 | 156 | echo and micro\$phone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |

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| L17 | 1052 | 379/406.01.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L18 | 581 | 381/94.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L19 | 2466 | 379/406.01-406.16.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L20 | 1772 | 381/66,93,94.1,94.3.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L21 | 2150 | 370/282-286.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L22 | 6433 | (echo with cancel\$6).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L23 | 11010 | (L19 L20 L21 L22) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L24 | 6433 | (echo with cancel\$6).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L25 | 1772 | 381/66,93,94.1,94.3.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |

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| L26 | 2466 | 379/406.01-406.16.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L27 | 2150 | 370/282-286.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L28 | 11010 | (L26 L25 L27 L24) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L29 | 5 | L28 and echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L30 | 156 | echo and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L31 | 815 | echo and canceller and microphone and speaker and computer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L32 | 10 | echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L33 | 5 | L28 and echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L34 | 581 | 381/94.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |

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| L35 | 803 | echo and canceller and microphone and speaker and computer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L36 | 1052 | 379/406.01.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L37 | 33 | L23 and (vad with disabled with (nlp "comfort noise generator")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L38 | 20 | L23 and (detector with disabled with (nlp "comfort noise generator")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L39 | 6 | L38 not L37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L40 | 95 | (vad with disabled with (nlp "comfort noise generator")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L41 | 62 | L40 not (L37 L38) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L42 | 23 | (detector with disabled with (nlp "comfort noise generator")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L43 | 9 | L42 not L40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |

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|-----|------|---|---|----|-----|---------------------|
| L44 | 0 | ((detector with dtmf with vad) with disabl\$4 with silen\$2 with period) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L45 | 0 | ((detector with dtmf with vad) with disabl\$4 with silen\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L46 | 39 | ((detector dtmf vad) with disabl\$4 with silen\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L47 | 39 | L46 not (L37 L38 L40) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L48 | 7 | L47 and L28 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L49 | 7 | ((detector dtmf vad) with disabl\$4 with (silen\$2 nlp "comfort noise")) not (L37 L38 L40) and L28 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L50 | 2 | ("5790538").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L51 | 4 | ("6064873" "6198819").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L52 | 1052 | 379/406.01.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |

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|-----|----|---|---|----|----|---------------------|
| L53 | 21 | ((erl erle "return loss") with ((disab\$4 inhibit\$4 bypass \$4) near3 cancell\$5)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L54 | 69 | (erl and erle) and ((disab\$4 inhibit\$4 bypass\$4) near3 cancell\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L55 | 9 | (erle) with ((step\$size "step size" "adaptation step" beta) near3 (cancell\$5 "adaptive filter")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L56 | 1 | ((erle) with ((step\$size "step size" "adaptation step" beta) near3 (cancell\$5 "adaptive filter")))) and erl | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L57 | 35 | "54" and ((maximum peak) with (minus subtract\$4 difference) with (erl "return loss" erle)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L58 | 69 | (erl and erle) and ((disab\$4 inhibit\$4 bypass\$4) near3 cancell\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L59 | 30 | L58 and ((maximum peak) with (minus subtract\$4 difference) with (erl "return loss" erle)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L60 | 57 | ((maximum peak) with (minus subtract\$4 difference) with (erl "return loss" erle)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L61 | 33 | ((maximum peak) with (minus subtract\$4 difference) with (erl "return loss" erle)) not broadcom | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |

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| L62 | 2466 | 379/406.01-406.16.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L63 | 1772 | 381/66,93,94.1,94.3.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L64 | 2150 | 370/282-286.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L65 | 6433 | (echo with cancel\$6).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L66 | 11010 | (L62 L63 L64 L65) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/15 16:54 |
| L67 | 49 | L66 and (reduc\$3 near2 (step "step size" step\$size beta) with (second time)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L68 | 0 | L66 and (reduc\$3 near2 (step "step size" step\$size beta) with (after near2 converg \$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| L69 | 7 | L66 and (reduc\$3 near2 (step "step size" step\$size beta) with converg\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 16:54 |
| S1 | 2228 | 379/406.01-406.16.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/23 22:04 |

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| S2 | 1446 | 381/66,93,94.1,94.3.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/23 22:05 |
| S3 | 1930 | 370/282-286.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/23 22:05 |
| S4 | 5434 | (echo with cancel\$6).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/23 22:05 |
| S5 | 9492 | (S1 S2 S3 S4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/23 22:06 |
| S6 | 2228 | 379/406.01-406.16.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 04:20 |
| S7 | 1446 | 381/66,93,94.1,94.3.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 04:20 |
| S8 | 1930 | 370/282-286.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 04:20 |
| S9 | 5434 | (echo with cancel\$6).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 04:20 |
| S10 | 9492 | (S6 S7 S8 S9) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 04:40 |

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| S11 | 5 | S10 and echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 04:42 |
| S12 | 5 | S10 and echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/24 04:42 |
| S13 | 9 | echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/24 04:43 |
| S14 | 516 | echo and canceller and microphone and speaker and computer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/24 04:44 |
| S15 | 507 | echo and canceller and microphone and speaker and computer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/24 04:47 |
| S16 | 109 | echo and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/24 04:48 |
| S17 | 944 | 379/406.01.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/24 04:48 |
| S18 | 407 | 381/94.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/24 04:49 |
| S19 | 2275 | 379/406.01-406.16.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 01:52 |

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| S20 | 1498 | 381/66,93,94.1,94.3.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 01:52 |
| S21 | 1975 | 370/282-286.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 01:52 |
| S22 | 5618 | (echo with cancel\$6).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 01:52 |
| S23 | 9773 | (S19 S20 S21 S22) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 01:52 |
| S24 | 5618 | (echo with cancel\$6).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 01:52 |
| S25 | 1498 | 381/66,93,94.1,94.3.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 01:52 |
| S26 | 2275 | 379/406.01-406.16.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 01:52 |
| S27 | 1975 | 370/282-286.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 01:52 |
| S28 | 9773 | (S26 S25 S27 S24) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 01:52 |

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| S29 | 5 | S28 and echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 01:52 |
| S30 | 117 | echo and micro\$phone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 01:52 |
| S31 | 556 | echo and canceller and microphone and speaker and computer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 01:52 |
| S32 | 10 | echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 01:52 |
| S33 | 5 | S28 and echo and canceller and microphone and speaker and computer and motherboard | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 01:52 |
| S34 | 438 | 381/94.1.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 01:52 |
| S35 | 547 | echo and canceller and micro\$phone and speaker and computer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 01:58 |
| S36 | 979 | 379/406.01.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 01:52 |
| S37 | 22 | S23 and (vad with disab\$4 with (nlp "comfort noise generator") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:26 |

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|-----|----|---|---|----|----|---------------------|
| S38 | 12 | S23 and (detector with disabl\$4 with (nlp "comfort noise generator")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:25 |
| S39 | 4 | S38 not S37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:25 |
| S40 | 64 | (vad with disabl\$4 with (nlp "comfort noise generator")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:31 |
| S41 | 42 | S40 not (S37 S38) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:27 |
| S42 | 15 | ((detector with disabl\$4 with (nlp "comfort noise generator")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:39 |
| S43 | 7 | S42 not S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:31 |
| S44 | 0 | ((detector with dtmf with vad) with disabl\$4 with silen\$2 with period) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:40 |
| S45 | 0 | ((detector with dtmf with vad) with disabl\$4 with silen\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:40 |
| S46 | 29 | ((detector dtmf vad) with disabl\$4 with silen\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:43 |

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| S47 | 29 | S46 not (S37 S38 S40) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:42 |
| S48 | 4 | S47 and S28 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 02:42 |
| S49 | 4 | ((detector dtmf vad) with disabl\$4 with (silen\$2 nlp "comfort noise")) not (S37 S38 S40) and S28 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 04:01 |
| S50 | 2 | ("5790538").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 04:02 |
| S51 | 4 | ("6064873" "6198819").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 04:02 |
| S52 | 979 | 379/406.01.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/11 04:08 |
| S53 | 14 | (erl erle "return loss") with ((disabl\$4 inhibit\$4 bypass \$4) near3 cancell\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/23 13:55 |
| S54 | 49 | (erl and erle) and ((disabl\$4 inhibit\$4 bypass\$4) near3 cancell\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/23 14:46 |
| S55 | 8 | (erle) with ((step\$size "step size" "adaptation step" beta) near3 (cancell\$5 "adaptive filter")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/23 14:56 |

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| S56 | 1 | ((erle) with ((step\$size "step size" "adaptation step" beta) near3 (cancell\$5 "adaptive filter")))) and erl | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/23 15:00 |
| S57 | 26 | "54" and ((maximum peak) with (minus subtract\$4 difference) with (erl "return loss" erle)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/23 16:53 |
| S58 | 49 | (erl and erle) and ((disabl\$4 inhibit\$4 bypass\$4) near3 cancell\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/23 16:55 |
| S59 | 21 | S58 and ((maximum peak) with (minus subtract\$4 difference) with (erl "return loss" erle)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/23 16:57 |
| S60 | 45 | ((maximum peak) with (minus subtract\$4 difference) with (erl "return loss" erle)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/23 17:14 |
| S61 | 28 | ((maximum peak) with (minus subtract\$4 difference) with (erl "return loss" erle)) not broadcom | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/23 17:15 |
| S62 | 2295 | 379/406.01-406.16.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/24 01:05 |
| S63 | 1513 | 381/66,93,94.1,94.3.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/24 01:05 |
| S64 | 1987 | 370/282-286.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/24 01:05 |

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| S65 | 5715 | (echo with cancel\$6).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/24 01:05 |
| S66 | 9897 | (S62 S63 S64 S65) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/24 01:05 |
| S67 | 44 | S66 and (reduc\$3 near2 (step "step size" step\$size beta) with (second time)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/24 01:06 |
| S68 | 0 | S66 and (reduc\$3 near2 (step "step size" step\$size beta) with (after near2 converg \$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/24 01:23 |
| S69 | 4 | S66 and (reduc\$3 near2 (step "step size" step\$size beta) with converg\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/24 01:24 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
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| L70 | 622 | 379/406.01.ccls. | USPAT; UPAD | OR | OFF | 2010/01/15 16:54 |

1/ 15/ 2010 5:21:42 PM

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